

Select only query

```
source("QueriesTest.R")
QueryTest
```

```
## function (channel)
## {
##   sql1 <- "\n SELECT\n   MeetpuntWID, MeetpuntStatus, MeetpuntType, MeetpuntXCoördinaat, MeetpuntYCoördinaat
##   sqlQuery(channel = channel, query = sql1, stringsAsFactors = FALSE)
## }
```

```
test1.source <- QueryTest(channel)
```

```
QueryTest <- function(channel) {
  sql1 <- "
  SELECT
    MeetpuntWID, MeetpuntStatus, MeetpuntType, MeetpuntXCoördinaat, MeetpuntYCoördinaat
  FROM
    DimMeetpunt"
  sqlQuery(channel = channel, query = sql1, stringsAsFactors = FALSE)
}
```

```
test1.rmd <- QueryTest(channel)
```

```
all.equal(test1.source, test1.rmd)
```

```
## [1] TRUE
```

Select and where clause

```
QueryTest2
```

```
## function (channel)
## {
##   sql3 <- "\n SELECT\n   MeetpuntWID, MeetpuntStatus, MeetpuntType, MeetpuntXCoördinaat, MeetpuntYCoördinaat
##   sqlQuery(channel = channel, query = sql3, stringsAsFactors = FALSE)
## }
```

```
test2.source <- QueryTest2(channel)
```

```
QueryTest2 <- function(channel) {
  sql3 <- "
  SELECT
    MeetpuntWID, MeetpuntStatus, MeetpuntType, MeetpuntXCoördinaat, MeetpuntYCoördinaat
  FROM
    DimMeetpunt
```

```

WHERE
  MeetpuntStatus = 'Gevalideerd' AND
  MeetpuntType = 'Peilbuis/Piëzometer' AND
  MeetpuntXCoördinaat Is Not Null AND
  MeetpuntYCoördinaat Is Not Null"
sqlQuery(channel = channel, query = sql3, stringsAsFactors = FALSE)
}
test2.rmd <- QueryTest2(channel)

all.equal(test2.source, test2.rmd)

```

```

## [1] "Attributes: < Component \"row.names\": Numeric: lengths (0, 7816) differ >"
## [2] "Component \"MeetpuntWID\": Numeric: lengths (0, 7816) differ"
## [3] "Component \"MeetpuntStatus\": Lengths (0, 7816) differ (string compare on first 0)"
## [4] "Component \"MeetpuntType\": Lengths (0, 7816) differ (string compare on first 0)"
## [5] "Component \"MeetpuntXCoördinaat\": Modes: character, numeric"
## [6] "Component \"MeetpuntXCoördinaat\": Lengths: 0, 7816"
## [7] "Component \"MeetpuntXCoördinaat\": target is character, current is numeric"
## [8] "Component \"MeetpuntYCoördinaat\": Modes: character, numeric"
## [9] "Component \"MeetpuntYCoördinaat\": Lengths: 0, 7816"
## [10] "Component \"MeetpuntYCoördinaat\": target is character, current is numeric"

```

```
str(test2.source)
```

```

## 'data.frame': 0 obs. of 5 variables:
## $ MeetpuntWID : int
## $ MeetpuntStatus : chr
## $ MeetpuntType : chr
## $ MeetpuntXCoördinaat: chr
## $ MeetpuntYCoördinaat: chr

```

```
str(test2.rmd)
```

```

## 'data.frame': 7816 obs. of 5 variables:
## $ MeetpuntWID : int 13 14 15 16 17 18 19 21 23 27 ...
## $ MeetpuntStatus : chr "Gevalideerd" "Gevalideerd" "Gevalideerd" "Gevalideerd" ...
## $ MeetpuntType : chr "Peilbuis/Piëzometer" "Peilbuis/Piëzometer" "Peilbuis/Piëzometer" "Peilbuis/Piëzometer" ...
## $ MeetpuntXCoördinaat: num 158890 203529 24559 206640 190385 ...
## $ MeetpuntYCoördinaat: num 229070 182751 196307 204635 171335 ...

```